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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	81090754 (FOR25 P-343A)
First Inventor	Rakan C. Chabaan
Title	See 1 in Addendum
Express Mail Label No.	EV010965897US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

## ADDRESS TO:

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 22]  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 6]
5. Oath or Declaration [Total Sheets 2]
- a. ☐ Newly executed (original or copy)
- b. ☒ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
name in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ Paper
- c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of  
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure ☒ Copies of IDS  
Statement (IDS)/PTO-1499 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
17. ☒ Other: Authorization to Charge Deposit  
Account

16235 U.S. PTO  
10/669358



18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 10/012,060

Prior application information:

Examiner Daniel G. DepumpoArt Unit: 3611

For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☒ Customer Number: 28,415 OR ☐ Correspondence address below

Name			
Address			
City	State	Zip Code	
Country	Telephone	Fax	

Name (Print/Type)	<u>Keyin T. Grzelak</u>	Registration No. (Attorney/Agent)	<u>35 169</u>
Signature	<u>Keyin T. Grzelak</u>	Date	<u>9/24/03</u>

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

## Addendum

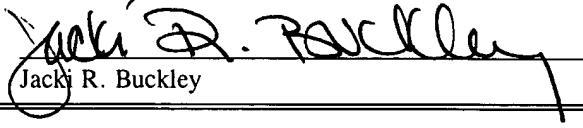
1. H-Infinity Control and Gain Scheduling Method for Electric Power Assist Steering System

**CERTIFICATE OF MAILING BY EXPRESS MAIL**

I hereby certify that this paper, together with all enclosures identified herein, are being deposited with the United States Postal Service as Express Mail, using label No. EV010965897US, addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on the date indicated below.

September 24, 2003

Date

  
Jacki R. Buckley

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Rakan C. Chabaan

For : H-INFINITY CONTROL AND GAIN SCHEDULING METHOD FOR  
ELECTRIC POWER ASSIST STEERING SYSTEM

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

**FEE TRANSMITTAL FORM**

**I. Fee Calculation (37 CFR §1.16):**

Number Filed	Number Extra		Rate	Basic Fee
			\$750.00	\$750.00
Total Claims: 9 - 20 =	0	X	\$18.00	\$ 0.00
Independent Claims: 2 - 3 =	0	X	\$84.00	\$ 0.00
Multiple Dependent Claims (if applicable):		+	\$280.00	\$ 0.00
Filing Fee Calculation:				\$750.00
Reduction by 50% for filing by small entity:				\$ 0.00
Total:				\$750.00

Applicant : Rakan C. Chabaan  
For : H-INFINITY CONTROL AND GAIN SCHEDULING METHOD FOR  
ELECTRIC POWER ASSIST STEERING SYSTEM  
Page : 2

II. Fee Payment Being Made at This Time:

Please charge Deposit Account 06-1510 for the filing fee in the amount of: \$750.00.

III. Authorization to Charge Additional Fees:

The Commissioner is hereby authorized to charge the following additional fees which may be required by this paper and during the entire pendency of this application or credit any overpayment to Account No. 16-2463, including 37 CFR §§1.16(a), (f) or (g) (filing fees); 37 CFR §§1.16(b), (c) and (d) (presentation of extra claims); and 37 CFR §§1.17 (application processing fees). A duplicate of this sheet is attached.

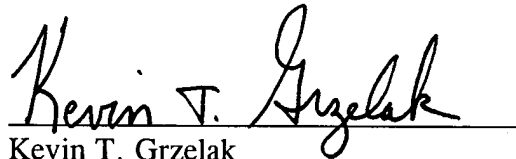
Respectfully submitted,

RAKAN C. CHABAAN

By: Price, Heneveld, Cooper,  
DeWitt & Litton

September 24, 2003.

Date



Kevin T. Grzelak

Registration No. 35 169

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Rakan C. Chabaan  
For : H-INFINITY CONTROL AND GAIN SCHEDULING METHOD FOR  
ELECTRIC POWER ASSIST STEERING SYSTEM

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

AUTHORIZATION TO CHARGE DEPOSIT ACCOUNT

The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application, or credit any overpayment to Deposit Account No. 06-1510.

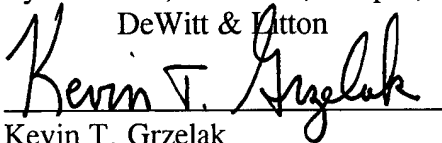
- 1) Any filing fees required under 37 C.F.R. §1.16 for which full payment has not been tendered.
- 2) Any patent application processing fees under 37 C.F.R. §1.17 for which full payment has not been tendered.
- 3) Any assignment recording fee under 37 C.F.R. §1.21 for which payment has not been tendered.

Pursuant to 37 C.F.R. §1.136(a)(3), the Commissioner is hereby authorized to treat any concurrent or future reply for this application that requires an extension of time as incorporating a request therefor. Any request or petition for an extension of time should be treated as requesting the appropriate length of time notwithstanding an inadvertent reference in the petition to a shorter period of time. A duplicate of this sheet is enclosed.

Respectfully submitted,

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September 24, 2003.

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